

# General Environmental Incident Summary

**Incident:** 3277      **Date/Time Notice:** 4/2/2014      15:30 ( **DEM Incident No:**

**Responsible Party:** Hess Corporation

**Date Incident:** 4/1/2014      **Time Incident:** 16:00      **Duration:**

**County:** McKenzie      **Twp:** 150      **Rng:** 95      **Sec:** 5      **Qtr:** SW

**Lat:** 47.83588      **Long:** -102.87150      **Method:** Interpolation from map

**Location Description:** The release location was near the Loomer 11 tank battery. The release location is approximately 7 miles southeast of Keene, ND. From the intersection of 107th Ave. NW and 29th St. NW, turn north on 107th Ave. NW and travel approximately 0.25 miles. Then turn east on lease road and travel approximately 0.25 miles to release location. The release was reported to NDDH personnel on 04/02/2014 at 15:30 by phone.

**Submitted By:** Jason Henry

**Affiliation:** Hess Corporation

**Address:** 3015 16th St. SW, Suite 20

**City:** Minot

**State:** ND

**Zip:** 58701

## Received By:

**Contact Person:** Jason Henry  
3015 16th St. SW, Suite 20  
Minot, ND 58701

**Distance Nearest Occupied Building:**

0.1 Miles

**Release Contained:** No

**Type of Incident:** Pipeline Leak

**Description of Released Contaminant:** Fresh water pumped from Fox Hill Aquifer. The fresh water that was released had approximately 5 gallons of chemical mixed with it.

**Volume Spilled:** 400.00 barrels

**Ag Related:** No

**EPA Extremely Hazardous Substance:** No

**Reported to NRC:** No

## Cause of Incident:

Release was from fresh water pipeline, cause unknown.

## Risk Evaluation:

N/A - fresh water release.

**# of Fatalities:** 0

**# of Injuries:** 0

**Affected Medium:** 03 - soil

## Potential Environmental Impacts:

It is not anticipated that any impacts occurred due to this release of fresh water. Any potential impacts will be evaluated further upon receipt of analytical data from sample of fresh water that was released.

## Action Taken or Planned:

Fresh water line was shut in following discovery of the release. Representative samples of the released fresh water will be collected on 04/03/2014 and submitted for laboratory analyses. Upon receipt of the analytical data, a remedial strategy will be developed (if required).

**Wastes Disposal Location:** If any waste is generated, it will be disposed of a properly permitted disposal facility.

**Agencies Involved:**

**Updates**

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**Date:** 4/2/2014     **Status:** Reviewed - Follow-up Required

**Author:** Roberts, Kris

**Updated Volume:**

**Notes:**

Roberts was contacted by phone by Brian Epperson of Hess. The report is that the chemicals reported in the fresh water are a dispersant (150 ppm) and a corrosion inhibitor (20 ppm) (approximate). Water at the source, after chemical addition, will be tested as well as the water released (which froze). Safety Data Sheets have been submitted via email to NDDoH for review. Followup is necessary, both to visually confirm the extent of the release and to interface with Hess personnel on any cleanup decisions.

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**Date:** 4/3/2014     **Status:** Inspection

**Author:** O'Gorman, Brian

**Updated Volume:**

**Notes:**

Arrived at the Loomer #11 well pad release site at 17:45, 4/3/14. 34 degrees F, NW wind 10-15 mph, cloudy. Spoke to the Hess representative who described the site and provided coordinates. Observed and took photos. Warming conditions made it difficult to determine what water may have been from the release and what may have been from snowmelt. The topography of the area sloped toward the north and toward a small drainage channel that began north of the well pad and sloped toward the east in an uncultivated, ungrazed, grassed depression area. There was also ponded water standing in the corner of a cultivated field that was located northwest of the well pad. The ponded water covered an area approximately 150 feet by 50 feet. Followup required to determine quality of water ponded to the northwest and water that followed drainage to the east.

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**Date:** 4/16/2014     **Status:** Inspection

**Author:** Martin, Russell

**Updated Volume:**

**Notes:**

4/16/2014 at 13:51, on location. Checking on status of ponded water in field northwest of pad. Pond is still present but at 1/2 maximum volume based on debris in field from pond. Due to temperature (~26 degrees F), water is currently frozen over. Broke hole in ice but noticed no objectionable odor from water. Notified previous NDDoH inspector.

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**Date:** 8/27/2014     **Status:** Inspection

**Author:** O'Gorman, Brian

**Updated Volume:**

**Notes:**

Arrived on location at 12:45 CT. Sunny, 75 degrees F, south wind 10-20 mph. Observed site and took photos. Areas described during April 3, 2014 inspection showed no indications of impacts from the release. Native grasses to the east appeared healthy with no changes in height or color from nearby plants. Wheat field toward the northwest also had no indications of the impact. No followup required at this time.